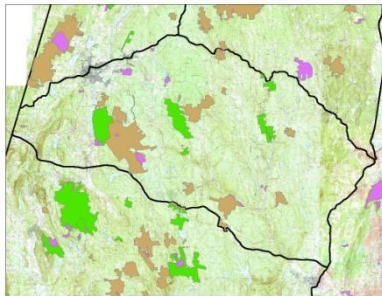


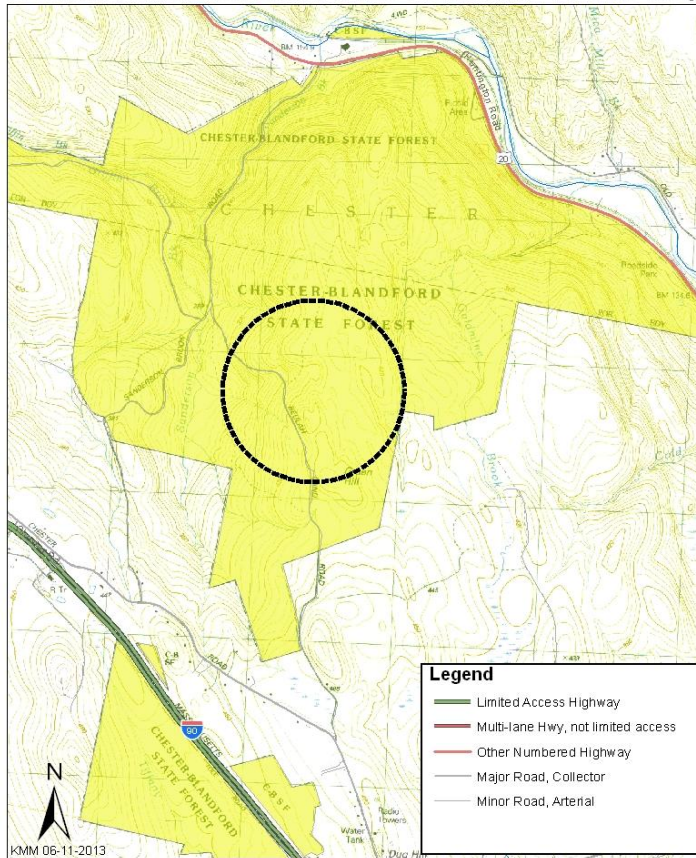
# Central Berkshire County October Mt. State Forest Beulah Land Red Pine Removal



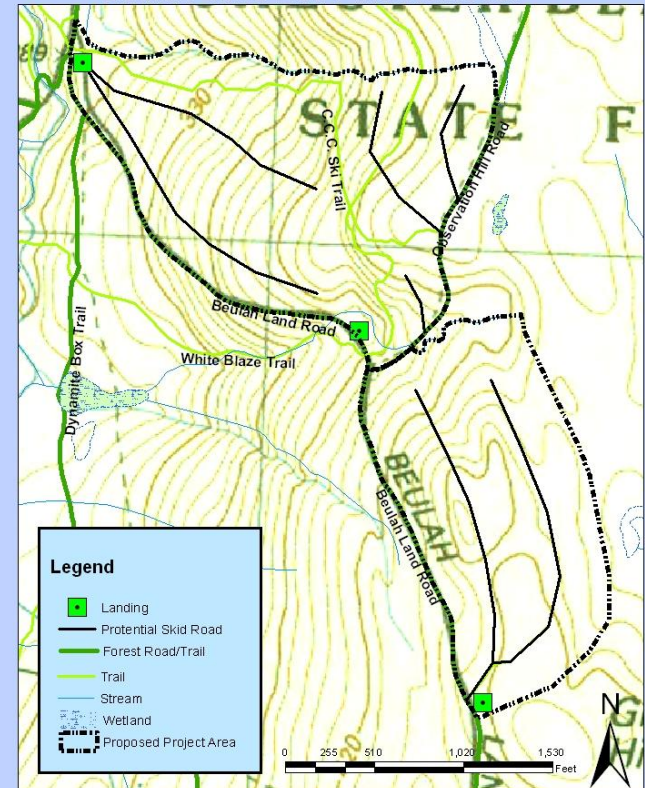
- Management Forester: Kris Massini

# Beulah Land Red Pine Removal - Location

Chester-Blandford State Forest  
Beulah Land Road Red Pine Removal - Locus Map



Chester-Blandford State Forest  
Beulah Land Red Pine Removal



# Beulah Land Red Pine Removal - Overview

- 92 acres proposed for management in this project
- One entry for project area with review in 5 years
- Stands of Red Pine, Oak Hardwoods and Hemlock Hardwoods
- Wetland/Water features
- Recreation
- Aesthetics
- Previous Management



# Selection Criteria and Management Guidelines

- Management Approach Recommended by the Technical Steering Committee:

*DCR should develop and implement management guidelines for Woodlands that demonstrate excellent forest management practices for sustainable production of wood, restoration of late successional habitat, active management of drinking water quantity and quality, creation of early successional habitat, and promotion of carbon sequestration and any other ecosystem services that benefit from relatively active manipulation of the forest. Over time, these guidelines should promote a greater emphasis on uneven-aged forests across the DCR system. At the same time, Woodlands management should include guidelines to protect rare species habitat and other natural resources, as well as the integrity and scenic quality of trails and scenic roads in the Woodlands zone.*



Massachusetts Department of Conservation and Recreation

Landscape Designations for DCR Parks & Forests:  
Selection Criteria and Management Guidelines



March 2012



# Selection Criteria and Management Guidelines

-Ecosystem Services provided by Woodlands include:

- Protection of forest productivity with state of the art sustainable forestry
- Restoration of late successional habitat
- Protection of water supplies by increasing resilience and resistance of forests
- Carbon sequestration through retention of woody debris and legacy trees in all silvicultural
- Treatments including late successional habitat restoration
- Ecological restoration of degraded natural community types (e.g., pitch pine/scrub oak barrens where human fire exclusion has led to excessive build-up of volatile fuels) and past high-graded stands
- Sustainable production of renewable wood products including fuelwood and high quality timber for local markets
- Provision of early-successional habitat that is otherwise limited by human development

# Selection Criteria and Management Guidelines

## -General Goals for DCR Forestry to Achieve and Demonstrate

- Excellent silviculture conceptually and in practice. Prescriptions shall demonstrate how the treatment fits the regional forest type and the ecosystem processes that are present. The implementation of the prescriptions will use appropriate logging systems and equipment and demonstrate knowledgeable approaches to forestry aesthetics.
- Positive benefits to wildlife.
- Sustainable forestry practices, biologically and economically.
- Model forestry on DCR lands that are a part of municipal watersheds utilizing silviculture and Best Management Practices (BMPs) developed by DCR's DWSP.58
- Benefits to local economies (payments to towns through the Forest Products Trust Fund) and the Commonwealth using locally grown and harvested wood products.
- Opportunities to contribute to DCR's recreational goals.
- Opportunities to restore and maintain structural diversity in forests including late successional forest habitat and early successional habitat on both the stand and landscape level.

# Beulah Land Red Pine Removal

## - Goals

- Remove/Salvage dying red pine and release advanced understory
- Restoration of a native ecosystem
- Treatment to delay collapse of Hemlock Stand
- Demonstrate thinning for quality and vigor in Oak/Hardwood Stand
- Demonstrate BMPs
- Remove/reduce maintenance costs and safety concerns
- Fulfill goals for woodlands



# Beulah Land Red Pine Removal – Silviculture

- Red Pine – Remove red pine and foster northern Hardwood regeneration
- Oak-Hardwoods – Commercial thinning
- Hemlock-Hardwoods – Group Selection





# Beulah Land Red Pine Removal – Desired Condition

- Restore off site red pine plantation with northern hardwoods
- Continued growth of high quality trees in the Oak-Hardwood Stand
- Begin a gradual replacement of Hemlock prior to stand collapse due to HWA
- Stable skid trail network for future silvicultural access and passive recreational use



# Potential In-Kind Services

- Removal of hazard trees within the Sanderson Brook Falls recreation area.
- Repair and restoration of drainage features on Beulah Land Road and Observation Hill Road.
- Repair and restoration of illegal off-road vehicle damage of the CCC Ski Trail. An attempt to block access to illegal vehicles will be made.

